

IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF OREGON

COLLEGENET, INC., a Delaware corporation,	)	
	)	
Plaintiff,	)	Nos. CV-02-484-HU (LEAD CASE)
	)	CV-02-1359-HU
v.	)	
	)	
APPLYYOURSELF, INC., a Delaware corporation,	)	OPINION & ORDER
	)	
Defendant.	)	
	)	

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1 - OPINION & ORDER

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5 HUBEL, Magistrate Judge:

6 Following a jury verdict in plaintiff's favor and the entry of  
7 final judgment along with injunctive relief, defendant moves for  
8 judgment as a matter of law (JMOL), or alternatively a new trial,  
9 on the issue of non-infringement of the '042 patent.<sup>1</sup> Presently,  
10 a stay of execution of the judgment, both as to money damages and  
11 injunctive relief, is in place until the issuance of this Opinion.  
12 Defendant moves to extend the stay pending resolution of eight  
13 other post-trial motions set for hearing on December 19, 2003.

14 For the reasons explained below, I grant defendant's JMOL/new  
15 trial motion on the issue of non-infringement of the '042 patent.  
16 I further grant in part defendant's motion to continue the stay.

#### 17 STANDARDS

#### 18 I. JMOL

19 In analyzing a motion for judgment as a matter of law, the  
20 evidence must be viewed in the light most favorable to the  
21 nonmoving party, and all reasonable inferences must be drawn in  
22 favor of that party. Horphag Research, Ltd. v. Pellegrini, 337

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23  
24 <sup>1</sup> In an October 28, 2003 Opinion & Order, I denied  
25 defendant's JMOL/new trial motion directed to lost profits based  
26 on defendant's failure to move for JMOL under Federal Rule of  
27 Civil Procedure 50(a) on the lost profits issue at the close of  
28 all the evidence. Defendant's motion for reconsideration of that  
Opinion and Order addresses only the JMOL addressing infringement  
of the '042 patent.

1 F.3d 1036, 1040 (9th Cir. 2003). To grant a motion for judgment as  
2 a matter of law, the court must find "no legally sufficient  
3 evidentiary basis for a reasonable jury to find" in favor of the  
4 nonmoving party." Fed. R. Civ. P. 50(a)(1).

5 A judgment as a matter of law is proper when the evidence  
6 permits only one reasonable conclusion and the conclusion is  
7 contrary to that reached by the jury. Ostad v. Oregon Health Sci.  
8 Univ., 327 F.3d 876, 881 (9th Cir. 2003). The court may not  
9 substitute its view of the evidence for that of the jury. Costa v.  
10 Desert Palace, Inc., 299 F.3d 838, 859 (9th Cir. 2002), aff'd, 123  
11 S. Ct. 2148 (2003). The court is not permitted to make credibility  
12 determinations and it may not weigh the evidence. Id.

## 13 II. New Trial

14 The court may grant a new trial "for any of the reasons for  
15 which new trials have heretofore been granted[.]" Fed. R. Civ. P.  
16 59. Those reasons include when "the verdict is contrary to the  
17 clear weight of the evidence, or is based upon evidence which is  
18 false, or to prevent, in the sound discretion of the trial court,  
19 a miscarriage of justice." Silver Sage Partners, Ltd. v. City of  
20 Desert Hot Springs, 251 F.3d 814, 819 (9th Cir. 2001) (internal  
21 quotation omitted); see also Union Oil Co. of Calif., 331 F.3d 735,  
22 742 (9th Cir. 2003) ("trial court may grant a new trial only if the  
23 jury's verdict was against the clear weight of the evidence.").

24 When the new trial motion is based on insufficiency of the  
25 evidence, a "stringent standard" applies, and the motion should be  
26 granted only if the verdict "is against the great weight of the  
27 evidence or it is quite clear that the jury has reached a seriously  
28 erroneous result." Johnson v. Paradise Valley Unifed Sch. Dist.,

251 F.3d 1222, 1229 (9th Cir.) (internal quotation omitted), cert. denied, 534 U.S. 1055 (2001).

Although the trial court may weigh the evidence and credibility of the witnesses, "the court is not justified in granting a new trial merely because it might have come to a different result from that reached by the jury." Roy v. Volkswagen of Am., Inc., 896 F.2d 1174, 1176 (9th Cir. 1990) (internal quotation omitted); see also Union Oil Co., 331 F.3d at 743 ("It is not the courts' place to substitute our evaluations for those of the jurors."); Silver Sage Partners, 251 F.3d at 819 (a district court may not grant a new trial simply because it would have arrived at a different verdict).

#### DISCUSSION

##### I. JMOL Motion

###### A. Literal Infringement of Claims 1, 16, and 32

Independent claims 1, 16, and 32 of the '042 patent share a claim limitation concerning the processing of user information by the third party forms servicer and the delivery of that information to the client institution. Two notable functions contained in that claim limitation are what the parties and the Court have referred to in the case as the "unlimited formatting" and "mapping" functions.

I first construed the claim limitation in a July 7, 2003 Opinion resolving cross-motions for summary judgment. July 7, 2003 Op. & Order at pp. 13, 57. In a subsequent opinion resolving the parties' motions for reconsideration, I amended the construction in certain respects. Aug. 20, 2003 Op. at p. 3. I also rejected plaintiff's argument that an interpretation requiring it to provide

1 an unlimited number of formats was inconsistent with the claim  
2 language and specification. Id. at p. 4. Finally, in an opinion  
3 issued during the trial, I again clarified the claim construction.  
4 Sept. 3, 2003 Op. at p. 9.

5 Based on the claim constructions, the jury was instructed on  
6 the meaning of the claims as follows:

7 User information provided to the institution by the  
8 servicer is available in an unlimited number of formats  
9 and is processed wholly by the third party forms servicer  
10 and not the institution. That is, the function is one of  
11 providing limitless formats for the transfer of user  
12 information from the servicer to the institution with no  
13 additional formatting or mapping performed by the  
14 institution.

15 This construction does not preclude formatting, mapping,  
16 or other manipulation of the user information data by the  
17 institution once it is received by the institution in a  
18 format the institution specified.

19 Any reference to "unlimited number of formats" and  
20 "limitless formats" should be interpreted to mean that  
21 the third party forms servicer provides the user  
22 information to the institution in any format specified by  
23 the institution.

24 "In a format specified by the institution" means in any  
25 file format, and it may include any other type of format,  
26 specified by the institution.

27 Jury Instructions at p. 14.

28 Defendant argues that the evidence presented at trial is  
capable of only one conclusion - that its Flagship and i-Class  
products lack both the "unlimited formatting" and "mapping"  
capabilities as they have been construed.

#### 29 1. Formatting Function

30 Defendant contends that Flagship transmits applicant data to  
31 the institution in only one proprietary format, while i-Class  
32 transmits the data in three finite file formats - fixed-width,  
33 delimited, and Extensible Markup Language (XML). Defendant relies

1 on the following evidence:

2 1) Exhibit 583 showing the i-Class source code regarding  
3 file formats;

4 2) testimony of Gus Costa, defendant's Chief Technology  
5 Officer, that i-Class offers three file formats: fixed width,  
6 delimited, and XML (Vol. 6 Trial Trans. at p. 77);

7 3) testimony of Len Metheny, defendant's Chief Executive  
8 Officer, that i-Class offers three file formats: delimited, fixed  
9 width, and XML (Vol. 5 Trial Trans. at p. 132);

10 4) Exhibit 582 showing the Flagship source code; and

11 5) testimony of Brad Posner that Flagship supported a  
12 single format.

13 Based on this evidence, defendant argues that its products  
14 cannot literally meet the "unlimited" formatting limitation  
15 required by the '042 patent. Defendant notes that rather than the  
16 institution specifying the file format as required by the patent  
17 claims, defendant specifies the file format(s) and the institution  
18 is forced to accept one the formats offered. I agree with  
19 defendant that this is contrary to the claim language.

20 Defendant also notes that not only do its products not provide  
21 unlimited file formats, they do not provide at least one of the  
22 exemplary formats referred to in the '042 patent specification.  
23 The '042 patent lists five data file formats that might be  
24 included: comma separated, tab delimited, fixed length, name/value  
25 pairs, and "EDI 189." '042 patent at 21:1-4. Defendant's  
26 witnesses, as well as plaintiff's expert Dr. Leonard Shapiro,  
27 testified that defendant's products do not provide EDI. Vol. 6  
28 Trial Trans. at p. 209 (Dr. Shapiro testimony).

1 In addition, the evidence was that defendant cannot support  
2 Datatel formats, nor can it support institutions that use MacIntosh  
3 computers and those corresponding native file formats. Vol 6 Trial  
4 Trans. at pp. 133-34 (Metheny testimony that defendant does not  
5 directly support Datatel and its programs are not compatible with  
6 a Mac system).

7 Costa testified that EDI was the main export format that  
8 defendant did not support. Vol. 6 Trial Trans. at pp. 77-78. He  
9 explained that if a client asserts its preference to have an EDI  
10 format, defendant cannot accommodate that request and the  
11 institution would have to take the file in one of the three formats  
12 defendant offers and then do something outside the system, within  
13 its own system, to convert to whatever format is needed by the  
14 institution. Id.

15 Metheny also testified about one particular example of EDI  
16 formatting requirements with Duke University. Providing the data  
17 to Duke required the services of a third party developer at the  
18 University of Wisconsin, Madison, to convert the data from  
19 defendant's third party forms server to Duke's PeopleSoft Student  
20 Information System (SIS). Vol. 4 Trial Trans. at pp. 244-47.  
21 Testimony from Kent Eudy, Senior Software Architect of Nobelstar,  
22 the third-party company which developed the i-Class product for  
23 defendant, is consistent with that of Costa and Metheny. Vol. 5  
24 Trial Trans. at pp. 53-57.

25 Additionally, defendant's expert Dr. Daniel Menasce testified  
26 that

27 [s]o when one looks at the ApplyYourself products,  
28 both I-Class and Flagship, one sees immediately that  
that's not the case. In fact, they provide a very

1 limited number of formats. For example, I-Class provides  
2 only three formats[:] delimited, fixed length, and XML.  
3 So there's no way that one could consider that, by any  
4 stretch of the imagination, unlimited number of formats.

5 I can think of many very important formats in this  
6 application domain that are not provided by ApplyYourself  
7 products. For example, EDI Transaction Set 189, which is  
8 a very important type of format, is not provided. HTML  
9 is not provided. Postscript is not provided. Name/value  
10 pairs is not provided. Datatel is not provided.

11 Vol. 5 of Trial Trans. at pp. 195-96.

12 Defendant argues that in view of this evidence, no reasonable  
13 jury could have found that defendant literally practices the  
14 "unlimited formats" limitation of claims 1, 16, and 32.  
15 Furthermore, defendant notes that any testimony to the contrary by  
16 Dr. Shapiro is not sufficient evidence to support infringement  
17 because he defined "format" contrary to the Court's construction of  
18 the term. This exchange reflects some problems with Dr. Shapiro's  
19 analysis:

20 Q [by Mr. Carr questioning Dr. Shapiro regarding his  
21 interpretation of the word "format" in the Court's claim  
22 construction of "in any format specified by the  
23 institution"]: Yes. In that context, what do you mean  
24 by format?

25 A: A format refers to a style or shape or forms in which  
26 files appear. And there are generally three types of  
27 formats. One is called - I have to remember now. But  
28 one is called file formats, another is presentation  
formats. And another is character formats, as I recall.

Q: Okay. In the context of this paragraph, we're  
talking about -

A: Um-hmm.

Q: -- do you understand that format phrase or term right  
there to mean all three of those formats or to mean just  
one? Or just two of the three?

A: The form - the one you've underlined here?

Q: Yes, sir.



1 A: (Pause, referring). I think this could mean any of  
2 the three.

3 Q: So in your interpretation of - and your analysis,  
4 when you looked at this section, you understood that term  
5 right there, underlined on this form, "format," to mean  
6 either a file format, a display format -

7 A: Yes.

8 Q: -- or a - what was the third option?

9 A: File format, display format, or character format.

10 Q: Or character format.

11 A: Yes.

12 Q: And your opinions reflected your understanding that  
13 this term "format" could mean any of those three?

14 A: Yes -

15 Vol. 4 Trial Trans. at pp. 190-91.

16 Plaintiff makes several arguments in opposition and offers  
17 several interpretations of the evidence in support of the jury's  
18 infringement verdict on the '042 patent. Plaintiff's main  
19 arguments are: 1) defendant admitted in its admissions that it  
20 practices the patent; 2) defendant's provision of customized  
21 reports through its Web Center shows literal infringement; 3)  
22 defendant's "Customized Integration Solutions" provide customized  
23 file formats; and 4) the evidence shows defendant can customize the  
24 provision of its data for upload to SISs such as PeopleSoft and  
25 Datatel.

26 a. Admissions

27 Plaintiff correctly notes that defendant initially admitted in  
28 its responses to plaintiff's requests for admission, that both  
Flagship and i-Class "make[] user information available to an  
institution of higher education in a format specified by that

1 institution of higher education." These admissions were included  
2 in plaintiff's Exhibit 165 (Requests for Admission Nos. 122, 123).  
3 During his testimony, Metheny admitted that defendant had made the  
4 admissions. Vol. 5 of Trial Trans. at pp. 74-75.

5 I granted defendant's motion to withdraw these admissions in  
6 an August 20, 2003 Opinion. I instructed the jury that:

7 In the discovery phase of a lawsuit one party may  
8 ask another party to admit or deny certain facts. These  
9 are called Requests for Admission. On January 29, 2003,  
10 defendant admitted certain facts when plaintiff made  
11 these requests. Upon the request of defendant in August  
12 2003, and after I made certain rulings in the case in  
13 July 2003, I allowed the defendant to withdraw two such  
14 responses, numbers 122 and 123. The answers, while no  
15 longer being conclusive on these facts now that they have  
16 been withdrawn, nonetheless may still be considered by  
17 you in evaluating the evidence and resolving the facts of  
18 this case. In evaluating statements made by a party you  
19 should consider whether the statement was clearly and  
20 understandingly made by that party.

21 Jury Instructions at p. 50.

22 Plaintiff argues that because the jury was not told what the  
23 actual July 2003 rulings were which led to the withdrawal of the  
24 admissions, and because there was no cross-examination of Metheny  
25 regarding these admissions, the jury could have concluded that  
26 defendant admitted infringement of these claim features as they had  
27 been construed by the Court. Plaintiff argues that there could be  
28 no stronger evidence of infringement.

I disagree. Given the testimony and the jury instruction, the  
jury knew only that at one point earlier in the case, defendant  
admitted that its systems had performed a certain function.  
Importantly, the jury also knew that based on a court ruling, those  
admissions had been withdrawn and thus, defendant no longer  
admitted that it practiced that function. Even if the jury were

1 unaware that it was the claim construction ruling that altered the  
2 landscape, the withdrawn, non-binding admissions are not  
3 substantial evidence of infringement of this function.  
4 Furthermore, if the jury based its infringement verdict on these  
5 withdrawn admissions, it would be error. The withdrawn admissions  
6 are not a legally sufficient basis upon which a reasonable juror  
7 could find literal infringement.

8           b. Web Center

9           Plaintiff next argues that defendant's provision of customized  
10 reports through defendant's Web Center is evidence of infringement.  
11 In particular, plaintiff relies on Exhibits 80, 82, and 86.

12           Plaintiff's argument is based on a strained and unsupported  
13 reading of the claim construction. Plaintiff contends that the  
14 words "file format" in the claim construction part of the jury  
15 instructions quoted above, could have been reasonably understood by  
16 the jury as including at least a "form" and "layout" file.  
17 Plaintiff notes that while the instructions defined "file" as "[a]n  
18 electronically stored collection of information that has a unique  
19 name," Jury Instructions at p. 13, the instructions did not define  
20 the term "file format." Thus, plaintiff argues, the jury was  
21 obligated to construe "file format" according to its ordinary  
22 meaning, which plaintiff contends is "the format of a file."

23           Plaintiff notes that Wolfston testified that "file format"  
24 meant "the way the data gets laid out," or the ordering of data.  
25 Vol. 2 Trial Trans. at pp. 178-79. Additionally, plaintiff  
26 contends that the i-Class manual suggests a broad meaning of "file  
27 format" when it explains how to "define" a "file format." Under  
28 the section on "file format definitions," the manual describes,

1 according to plaintiff, unlimited variations, including countless  
2 permutations on the selection and widths of fields in the  
3 customized report - implying that each is a separate file format.  
4 Exh. 80 at pp. 76-77.

5 Thus, because, according to plaintiff, the term "file format"  
6 could have reasonably been interpreted by the jury as including  
7 "form" and "layout" file formats because they are an electronically  
8 stored collection of information with a unique name, the jury was  
9 entitled to conclude that defendant's provision of customized  
10 reports from its Web Center met the claim limitation of providing  
11 file formats specified by the institution to the institution.

12 Plaintiff argues:

13 ApplyYourself provides customized reports of  
14 applicant data to institutions. These reports were  
15 "files" as defined in the Jury Instructions: they are  
16 stored as a "collection of information" (i.e. application  
17 data) and each report has a unique name. The format of  
18 these customized reports thus was a file format.  
19 Moreover, the unlimited format variations for these  
20 reports are specified by the institutions, as indicated  
21 in the i-Class manual (See Trial Ex. 80 at 40-44, 76-77).  
22 Given the Court's definition of "file," and the ordinary  
23 meaning of "format," it would have been **unreasonable** for  
24 the Jury **not** to consider these customized reports  
25 provided by ApplyYourself to have customized file  
26 formats.

27 Pltff's Opp. Mem. at p. 15.

28 Plaintiff also cites to Dr. Shapiro's testimony:

I think that at this point the ApplyYourself and  
Flagship products provide to their users any file formats  
that the users desire. I think they provide to their  
users any character formats that the users desire. I  
think they provide to their users any presentation  
formats that the users desire. I think they provide file  
formats through the export facilities. I think they  
provide presentation and character formats through the  
display Web facilities. And all of those, the export  
facility and the Web display facilities, are provided  
through their product called the Web center.

1 Vol. 4 of Trial Trans. at p. 192.

2 I reject plaintiff's "customized report" argument. Under the  
3 Court's claim construction, the third party forms servicer must  
4 provide user information to the institution in a file format  
5 specified by the institution such that no additional manipulation  
6 of the data is required by the institution before the institution  
7 can upload it into its own system. If the jury interpreted "file  
8 format" to include layout or display formats, the interpretation is  
9 contrary to the governing claim construction. The "customizable  
10 report" evidence regarding what is available through the Web Center  
11 is not substantial evidence that information was provided to the  
12 institution in a file format as I intended the meaning of file  
13 format in the claim construction.

14 The way that plaintiff attempts to alter the claim  
15 construction is flawed and reverses the Court's claim construction.  
16 In the Court's claim construction, "file" modifies "format" to  
17 distinguish among the various types of "formats" such as display  
18 formats, layout formats, etc. That is, the claim limitation  
19 requires that the server provide at least an unlimited number of  
20 file formats.

21 Plaintiff's argument depends on a reading of "file format"  
22 such that "format" modifies "file," rather than "file" modifying  
23 "format." Plaintiff's interpretation is contrary to the Court's  
24 claim construction and I conclude that the jury could not have  
25 reasonably relied on the evidence at trial regarding the Web Center  
26 reports as substantial evidence that defendant's products practice  
27 the file format claim limitation. To do so, the jury would have  
28 had to ignore the Court's claim construction for "file format."

1        Additionally, the i-Class manual does not support plaintiff's  
2 suggestion that defendant itself interpreted "file format" as  
3 including "countless permutations" on the selection of fields, etc.  
4 One of the sections of the manual relied on by plaintiff addresses  
5 the creation of report templates but does not address file formats.  
6 Exh. 80 at pp. 40-44.

7        The other instructs the user that the user will have to select  
8 a particular file format. Id. at pp. 76-77. It makes clear that  
9 there are only three file format choices: delimited, fixed width,  
10 and XML. Id. Within each type of file format, the user can make  
11 choices such as whether to have tab or character as the delimiter  
12 in the delimited file format, or the width of the field (by the  
13 number of characters in each field) in the fixed width file format.  
14 This is not substantial evidence that defendant's accused devices  
15 included unlimited formats. Nor can this facet of defendant's  
16 systems alter the proper construction of plaintiff's patent claims  
17 such that the term "file format" includes layout and display  
18 formats. Furthermore, as always, the Court's construction of the  
19 term in plaintiff's patent claims as meaning file formats is not  
20 influenced by the manual for defendant's accused device. Evidence  
21 of the variety of display and layout formats defendant provides  
22 cannot define the types of formats claimed by plaintiff's patent.

23        Finally, Dr. Shapiro's testimony on this issue is not  
24 substantial evidence that the provision of Web Center reports meets  
25 the claimed function as interpreted because his definition of "file  
26 format" conflicts with the claim construction. Vol. 4 Trial Trans.  
27 at pp. 190-91 (Dr. Shapiro admitting that his interpretation of  
28 "format" in a claim construction phrase included display and

1 character formats as well as file formats).

2 c. "Customized Integration Solutions"

3 Several of defendant's marketing and other materials refer to  
4 its "customized integration solutions." See Exh. 73 at pp. 19, 71;  
5 Exh. 82 at p. 5; Exh. 88 at p. CNA670; Exh. 259. Many of these  
6 references appear to tout defendant's ability to provide data from  
7 defendant's server to its client institutions' SISs without the  
8 institutions re-keying the data.<sup>2</sup> Plaintiff suggests that by  
9 providing these "customized" solutions, defendant effectively  
10 provides user data in unlimited file formats.

11 The testimony indisputably established that for institutions  
12 who use defendant's Flagship program, defendant's server provides  
13 data in only one file format. Vol. 6 Trial Trans. at pp. 35-37  
14 (Posner Testimony). Each institution was required to install a PC-  
15 based software system, separate from Flagship, on the institution's  
16 own computer to make use of the data the institution received from  
17 defendant's server. As Posner explained, it was necessary for the  
18 institution to run this software, known as "Application Information  
19 Manager" or "AIM," to "make sense of the data they were receiving"  
20 from defendant's server. Id.

21 For institutions signed up with i-Class, defendant's server  
22 provides data in the three file formats discussed above. I-Class  
23 eliminated the need for the PC-based AIM software, but the

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24  
25 <sup>2</sup> I note that "[m]isleading statements about what a product  
26 does, in the absence of proven efficacy," do not establish a  
27 patent violation. Upjohn Co. v. Riahom Corp., 641 F. Supp. 1209,  
28 1220 (D. Del. 1986). Thus, advertising or marketing materials  
which suggest that the accused device may infringe may not prove  
infringement if the accused device does not actually work the way  
it is advertised or marketed.

1 institution still must map the data it receives from defendant's  
2 server to the school's SIS. E.g., Vol 6 Trial Trans. at pp. 78-79  
3 (Costa testimony that data transmitted from defendant's server to  
4 a school is not automatically loaded into that school's SIS and  
5 requires some "work" at the receiving end before the data coming  
6 from defendant's system is functional for the school); Id. at pp.  
7 55-56 (Eudy's testimony that the school would have to take the  
8 "extract" file, write a program that would do a conversion, and  
9 then import it into their system); see also Exh. 259 (defendant  
10 notes that by combining a particular "integration solution"  
11 designed by a third party with defendant's product, the institution  
12 can avoid hand entering any data).

13 Plaintiff argues that while defendant tries to draw  
14 distinctions between the parts of its systems by contending that a  
15 third party software program is required to map the data from  
16 defendant's server to the institution's SIS (and by doing so  
17 provide unlimited file formats), defendant fails to note that  
18 defendant is the exclusive distributor of that third party software  
19 program that allows the application information to be directly  
20 uploaded into, for example, the PeopleSoft SIS. Exh. 259.  
21 Plaintiff argues that defendant's characterization of this data  
22 mapping and formatting function as being performed by a separate or  
23 additional "custom coding" or program, is a distinction without a  
24 difference.

25 Trial testimony from defendant's witnesses, uncontradicted by  
26 plaintiff, was that the "custom integration solution" is a product  
27 external to the actual Flagship or i-Class product. The Flagship  
28 and i-Class programs reside on defendant's server to provide the



1 forms to applicants and the user data to the institution. Trial  
2 testimony further established that defendant could provide the  
3 "custom integration solution," or that the institution itself could  
4 write its own "translation" program or hire an independent third-  
5 party to craft one. While defendant is the exclusive distributor  
6 of a particular "customized integration solution," no evidence  
7 suggested that an institution was bound to purchase defendant's  
8 "customized integration solution" translation product along with  
9 its purchase of the underlying Flagship or i-Class product.

10 What plaintiff argues is that the seller of a particular  
11 product which does not literally infringe because it does not  
12 perform a particular claim function (here, providing unlimited file  
13 formats), may nonetheless literally infringe by offering for sale  
14 an additional product, for an additional cost, that may make the  
15 non-infringing product work like the patented product, or process.  
16 When I asked plaintiff at oral argument if it had any law directly  
17 on point on this issue, plaintiff had none and did not request an  
18 opportunity to supply authority at a later time. Furthermore,  
19 plaintiff never argued at trial that the "accused devices" included  
20 the additional product. Rather, plaintiff focused only on the  
21 Flagship and i-Class products.

22 More importantly, and focusing here solely on the file  
23 formatting function, the fact remains that the third party forms  
24 servicer is still not providing unlimited file formats. Even with  
25 the "custom integration solution," and even if the institution uses  
26 the solution provided by defendant, defendant's server provides the  
27 user data in one of three formats and it is the "custom integration  
28 solution" which translates the data from one of those formats to

1 the institution's format. Thus, the data is not "processed wholly  
2 by the third party forms servicer" as required by the claim  
3 construction. As a result, the evidence plaintiff presented for  
4 the proposition that defendant provides "custom integration  
5 solutions" was not substantial evidence supporting a verdict of  
6 literal infringement.

7 d. Dr. Shapiro's XSL Testimony

8 Dr. Shapiro testified regarding "XML Style Sheet Language,"  
9 commonly referred to as "XSL." The essence of his testimony was  
10 that because defendant, at least with its i-Class product, provides  
11 user data in an XML file format, defendant can use XSL as a  
12 "transform" mapping tool and convert the XML file to an unlimited  
13 number of formats, including the EDI format. Vol. 6 Trial Trans.  
14 at pp. 163-66, 203-09. While Dr. Shapiro conceded that defendant  
15 did not currently support EDI, Vol. 6 Trial Trans. at p. 209,  
16 plaintiff argues that Dr. Shapiro's testimony regarding XSL is  
17 substantial evidence that defendant's systems literally infringe  
18 the '042 patent.

19 I reject this argument. First, there is no evidence that  
20 Flagship provides data in an XML file format so any XSL translation  
21 program accomplishes nothing for Flagship on this record. Second,  
22 there is no evidence that i-Class currently provides the XSL  
23 translation program. Third, there is no evidence that any of  
24 defendant's "custom integration solutions" carry the XSL  
25 translation program mentioned by Dr. Shapiro. His testimony  
26 suggested that one could write such a program, not that defendant  
27 offers one either in its Flagship or i-Class products, or separate  
28 from them. The fact that the technology exists and that defendant

1 could incorporate it into its products it if wanted to, is not  
2 substantial evidence that defendant currently infringes.

3 This is not a case where a device is capable of an infringing  
4 use along with a non-infringing use. E.g., Hilgraeve Corp. v.  
5 Symantec Corp., 265 F.3d 1336, 1343 (Fed. Cir. 2001) (an accused  
6 device may be found to infringe if it is reasonably capable of  
7 satisfying the claim limitations, even though it may also be  
8 capable of non- infringing modes of operation), cert. denied, 535  
9 U.S. 906 (2002); Huck Mfg. Co. v. Textron, Inc., 187 U.S.P.Q. 388,  
10 408 (E. D. Mich. 1975) ("The fact that a device may be used in a  
11 manner so as not to infringe the patent is not a defense to a claim  
12 of infringement against a manufacturer of the device if it is also  
13 reasonably capable of a use that infringes the patent.") Here, the  
14 XSL translation program is a product or program available in the  
15 marketplace (or in the mind of any particular programmer) but is  
16 not presently part of defendant's system. Thus, the fact that one  
17 may write an XSL transform mapping program which may allow for  
18 translation of defendant's three file formats provided by i-Class  
19 into an unlimited number of formats, including EDI, is not  
20 substantial evidence that defendant's systems, as they presently  
21 exist, literally infringe the '042 patent.

22 e. Other Arguments

23 While plaintiff's arguments regarding the admissions, web  
24 center, "customized integration solutions," and XSL program appear  
25 to be its primary arguments, plaintiff raises some additional  
26 points as well. First, plaintiff indicates that the word "any" in  
27 the claim construction quoted earlier in this Opinion, was not  
28 defined for the jury. Plaintiff argues that the ordinary meaning

1 of "any" does not necessarily imply "an unlimited number,"  
2 "limitless," or an infinite number. As such, plaintiff argues, the  
3 jury could have understood "any" to mean "one" or "a." Thus,  
4 plaintiff continues, the jury could have construed the words "any  
5 file format" in the phrase from the jury instructions "the  
6 information is made available in any file format specified by the  
7 institution," to mean "one file format." Accordingly, plaintiff's  
8 argument goes, the jury could have found infringement because  
9 defendant offers three formats, and by offering just one, it  
10 infringes.

11 This argument cannot be sustained in light of the claim  
12 construction, regardless of the fact that the jury was not given a  
13 definition of "any." The plain meaning of "any," in this  
14 particular context, cannot be reasonably understood to mean "one."

15 Next, plaintiff contends that the jury instructions did not  
16 restrict the jury to finding that either all or none of defendant's  
17 systems as provided to particular schools infringed. In other  
18 words, plaintiff argues, the jury was free to decide that defendant  
19 infringed when it provided a file format specified by "School A,"  
20 but did not infringe when it failed to provide a file format  
21 specified by "School B." This argument is also unpersuasive.  
22 Defendant's systems do not satisfy the claim limitation, as I have  
23 construed it, of providing "unlimited file formats" by providing  
24 one of its three formats to a particular school in response to that  
25 school's specification. Further, I recall no evidence regarding  
26 either of defendant's accused devices satisfying any particular  
27 school's specification.

28 Finally, plaintiff contends that the jury instructions did not

1 require the jury to consider hypothetical future specifications of  
2 schools. Rather, the jury was to consider what schools had  
3 actually specified, not what they might specify or could specify.  
4 The jury was not told that there can be no infringement if an  
5 institution might one day in the future specify a file format that  
6 defendant does not or would not provide. Plaintiff argues that the  
7 only tense of the word "specify" in the jury instructions is the  
8 past tense "specified." Thus, if an institution specified a format  
9 that defendant provided, then the jury was free to find  
10 infringement under the claim construction.

11 This argument, as with others offered by plaintiff, hinges on  
12 a claim construction contrary to the Court's construction. It is  
13 also without evidentiary support for literal infringement. I  
14 reject it on those bases.

## 15 2. Mapping Function

16 The claim construction relevant to the "mapping" function is  
17 the same as for the "unlimited file format" function set out  
18 earlier in this Opinion. Defendant argues that substantial  
19 evidence does not support a conclusion that its systems meet this  
20 claim limitation.

21 As noted above, institutions using defendant's Flagship  
22 product required the use of the PC-based AIM software program to  
23 translate the user data received from defendant's servicer into the  
24 institutions' SIS. Vol. 6 Trial Trans. at pp. 35-37 (Posner  
25 Testimony). As for i-Class, other evidence recited above  
26 demonstrated the need for a separate customized mapping program in  
27 order for institutions to have a seamless transformation of user  
28 data received from defendant's server into their SIS. E.g., Id. at

1 pp. 78-79 (Costa Testimony); Id. at pp. 55-56 (Eudy Testimony); Vol  
2 4 Trial Trans. at pp. 244-47 (Metheny Testimony). The evidence is  
3 undisputed that these programs reside with the institution, not on  
4 defendant's server. E.g., Vol. 5 Trial Trans. at p. 82 (Metheny  
5 Testimony).

6 There are only two arguments plaintiff makes addressed  
7 directly to the mapping function that require discussion beyond  
8 what I have already discussed above in connection with the  
9 formatting function. First is the "customized integration  
10 solution" argument. Plaintiff contends that by providing a  
11 "customized integration solution," and particularly by being the  
12 exclusive distributor of one particular such solution, defendant  
13 not only provides unlimited file formats, but also performs the  
14 mapping function as construed by the Court. Because, plaintiff  
15 argues, the "customized integration solution" translates or  
16 transforms the data received from defendant's server, the user  
17 information is received by the institution for use directly by the  
18 institution's SIS with no additional formatting or mapping  
19 performed by the institution.

20 While I agree with plaintiff that the institution is not  
21 required to further format or map the data once it receives it from  
22 the customized translation program, I reject plaintiff's argument.  
23 The Flagship or i-Class products when used in combination with this  
24 additional piece of software (which again, may be designed by the  
25 institution itself, by an independent third-party, or provided by  
26 defendant), may meet the "mapping" claim limitation as it has been  
27 construed. However, this combination is not the accused device  
28 that plaintiff made its claim against.

1 Furthermore, the fact that the customized translation program  
2 resides within the institution distinguishes defendant's products  
3 from the "mapping" claim in the '042 patent. The institution is  
4 still required to map or format the data received from defendant's  
5 server. While this mapping or formatting is done outside of the  
6 SIS and the institution is able, after the data is manipulated by  
7 the custom translation program, to seamlessly integrate the data  
8 into its own SIS, the burden is still on the institution to map or  
9 format the data. I acknowledge that the institution does not have  
10 to manually re-key the data when defendant's systems are paired  
11 with a custom translation program. Nonetheless, the institution is  
12 still burdened with acquiring and programming, or having the  
13 additional custom translation program properly coded, requiring the  
14 institution to perform additional formatting or mapping upon  
15 receipt of the user data from defendant's third party forms server.

16 Second, plaintiff points to defendant's admissions in response  
17 to plaintiff's requests for admission, that i-Class and Flagship  
18 can relieve institutions of the administrative burden of processing  
19 web-based forms. Exh. 49 (Requests for Admission Nos. 128, 129).  
20 The discussion above shows that the evidence supports this  
21 admission because the accused products, together with an external  
22 translation program residing within the institution, can ultimately  
23 relieve the institution of manually re-keying data. This  
24 admission, however, is not tantamount to substantial evidence of  
25 literal infringement of defendant's accused systems for the reasons  
26 previously explained. The institution is still responsible for the  
27 mapping or formatting of the data by virtue of having to acquire  
28 and host the custom translation program. Thus, there is still a

1 burden on the institution. Accordingly, the jury's verdict as to  
2 the mapping function is not supported by substantial evidence.

3 In summary, to sustain a claim of literal infringement, "each  
4 limitation of the claim must be present in the accused device."  
5 Telemac Cellular Corp. v. Topp Telecom, Inc., 247 F.3d 1316, 1330  
6 (Fed. Cir. 2001). "Any deviation from the claim precludes" a  
7 literal infringement finding. Id. This "all elements" rule  
8 requires the patentee to prove that the accused device itself  
9 contains each limitation of the asserted claims.

10 In this case, the evidence is capable of only one reasonable  
11 conclusion: defendant's Flagship or i-Class products do not  
12 contain the "file format" or "mapping" claim limitations of claims  
13 1, 16, and 32 of the '042 patent. Substantial evidence in the  
14 record, when viewed with the Court's claim construction and the  
15 jury instructions, demonstrates that the only reasonable conclusion  
16 this jury could have reached was one of no literal infringement of  
17 these claims of the '042 patent.

18 B. Literal Infringement of Claim 38

19 Claim 38, while still addressing the same overall process, is  
20 distinct from claims 1, 16, and 32. It provides:

21 A method of processing over a computer network forms  
22 directed by multiple public forms users to institutions,  
23 the forms process being administered by a third party  
forms servicer that is neither one of the institutions  
nor one of the public forms users, the method comprising:

24 receiving by an institution from a third party  
25 forms servicer user information in a format  
26 specified by the institution, the user information  
being derived from a form customized for the  
27 institution and identified primarily with the  
institution rather than with the third part[y]  
forms servicer, the customized form being presented  
28 to a form user over a computer network by the third  
party forms servicer, the customized form including



1 fields for data to be inserted manually by the  
2 forms user or automatically, [t]he information in  
3 the completed form being posted to the third party  
4 forms servicer; and

5 receiving from the form user via the third party  
6 form servicer an electronic payment associated with  
7 the customized form;

8 thereby providing to the form user a customized  
9 form identified with the institution and providing  
10 the institution with custom-formatted data and an  
11 electronic payment, while relieving the institution  
12 of the administrative burden of processing forms  
13 and payments.

14 '042 Patent at 38:38-61 (emphasis added).

15 Defendant's infringement of claim 38 was not directly  
16 addressed at summary judgment because plaintiff did not move for  
17 summary judgment as to the literal infringement of claim 38.  
18 However, the term, or concept, of providing a "customized form"  
19 which is part of claim 38, is a part of several claims that were  
20 adjudicated on summary judgment. July 7, 2003 Op. & Order at p.  
21 35. The July 7, 2003 Opinion specifically noted that the  
22 "customized form" limitation appeared in several claims in both the  
23 '278 and '042 patents and that while it was being addressed in the  
24 context of claim 1 of the '278 patent, the discussion of the  
25 limitation applied "to the other claims in either patent." Id. at  
26 p. 35 n.5.

27 In resolving the summary judgment motions, I interpreted the  
28 claim term "customized form" as "a form made according to the  
preferences of each particular institution." Id. at p. 36. In  
doing so, I rejected defendant's argument that the term contained  
a concept of "transparency," meaning that the customized form  
contain no indicia that the application is hosted by the forms  
service provider. Id. at pp. 36-37. As a result, I concluded that

1 defendant failed to create an issue of fact regarding the accused  
2 systems' practice of the "customized form" limitation in either the  
3 '278 or the '042 patent. Id. at p. 37. I granted plaintiff's  
4 motion for literal infringement as to the '042 patent except for  
5 the formatting and mapping functions. Id. at p. 60.

6 In the present JMOL motion, defendant argues that the evidence  
7 at trial established that its products do not provide a custom  
8 application form according to the preferences of each institution.  
9 While providing some flexibility, defendant's products, which use  
10 a template-driven forms interface, somewhat restrict the  
11 institution's customization preferences. See Vol. 4 Trial Trans.  
12 at p. 204 (Dr. Shapiro Testimony). Defendant argues that in view  
13 of Dr. Shapiro's unequivocal admission that defendant uses a non-  
14 infringing public domain software package to provide forms to users  
15 that cannot provide unlimited customization, no reasonable jury  
16 could have found that defendant practices the "custom forms"  
17 limitation of claim 38, and therefore, there is no literal  
18 infringement of that claim.

19 While plaintiff did not move for summary judgment on claim 38,  
20 plaintiff argues in opposition to the JMOL motion that the summary  
21 judgment decision precluded defendant from trying the "customized  
22 form" limitation to the jury and thus defendant should be precluded  
23 from raising it here. I need not resolve this issue because I  
24 determine that even apart from the "customized form" limitation,  
25 substantial evidence does not support the verdict of literal  
26 infringement of claim 38.

27 Claim 38, like the other independent claims in the '042  
28 patent, requires the receipt by the institution from the third

1 party forms servicer of "user information in a format specified by  
2 the institution . . . ." The interpretation of the same phrase in  
3 the other claims of the patent, defines this phrase to mean "in any  
4 file format, and it may include any other type of format, specified  
5 by the institution." The jury was instructed on the construction  
6 of this phrase as it appears in claim 1, but it is the same phrase  
7 in claim 38. The jury was further instructed that "[t]erms given  
8 a meaning in one place in the patent, either by [the Court] or by  
9 [the jury], have that same meaning in all other places in the  
10 patent that the term appears." Jury Instructions at p. 11.

11 Having rejected plaintiff's arguments as to claims 1, 16, and  
12 32 regarding "any file format," and concluding that there is no  
13 substantial evidence of literal infringement of the "in a format  
14 specified by the institution" function in claims 1, 16, and 32,  
15 there is similarly no substantial evidence supporting the literal  
16 infringement of that same function in claim 38.

17 C. Infringement of Claims 1, 16, 32, and 38 Under  
18 the Doctrine of Equivalents

19 Because the verdict did not ask the jury to distinguish  
20 infringement liability based on literal infringement and  
21 infringement under the doctrine of equivalents, to succeed on the  
22 JMOL motion, defendant must show that there is a lack of  
23 substantial evidence supporting the verdict under both infringement  
24 theories.

25 In a 1998 case, the Federal Circuit explained that its "prior  
26 cases stand for the proposition that mere generalized testimony as  
27 to equivalents is insufficient as a matter of law to support a jury  
28 verdict finding infringement under the doctrine of equivalents."

1 Comark Communications, Inc. v. Harris Corp., 156 F.3d 1182, 1188  
2 (Fed. Cir. 1998). As the court further explained:

3 We have also previously stated that the evidence and  
4 argument on the doctrine of equivalents cannot be merely  
5 subsumed in plaintiff's case of literal infringement. .  
6 . . Rather, a patentee must prove substantial identity as  
7 to each of the function, way and result prongs of the  
8 doctrine of equivalents. . . . The thrust of these cases  
9 is to ensure that a jury is provided with the proper  
10 evidentiary foundation from which it may permissibly  
11 conclude that a claim limitation has been met by an  
12 equivalent.

13 Id. (internal quotations and citations omitted; emphasis added).

14 In a more recent case, the court reiterated that to sustain a  
15 claim of infringement based on the doctrine of equivalents, the  
16 patent holder must provide evidence "on a limitation-by-limitation  
17 basis" and the "evidence must have included particularized  
18 testimony and linking argument" to properly assist the factfinder  
19 in making the doctrine of equivalents determination. Hewlett-  
20 Packard Co. v. Mustek Sys., Inc., 340 F.3d 1314, 1322 (Fed. Cir.  
21 2003) (internal quotation omitted); Lear Siegler Inc. v. Sealy  
22 Mattress Co. of Mich., Inc., 873 F.2d 1422, 1426 (Fed. Cir. 1989)  
23 (noting these requirements are necessary to ensure that the  
24 factfinder is not "put to sea without guiding charts when called  
25 upon to determine infringement under the doctrine [of  
26 equivalents].").

27 Defendant argues that plaintiff failed to meet its evidentiary  
28 burden under these standards. Defendant notes that plaintiff  
presented no evidence in its case-in-chief regarding equivalents.  
See Vol. 6 Trial Trans. at p. 204 (exchange between Court and  
plaintiff's counsel in which plaintiff's counsel concedes that  
there were no "explicit arguments" made in its case in chief as to

1 infringement under the doctrine of equivalents). I agree with  
2 defendant that the only evidence relevant to plaintiff's doctrine  
3 of equivalents theory came in plaintiff's rebuttal case.

4 The substance of the relevant testimony on doctrine of  
5 equivalents is revealed in the following exchange between  
6 plaintiff's counsel and Dr. Shapiro:

7 Q: Okay. Dr. Shapiro, can we assume for a moment that  
8 Dr. Menasce is right, that ApplyYourself can't literally  
9 provide any format selected from among an unlimited or a  
10 limitless number of possibilities.

11 Do you have an opinion as to whether what - the formats  
12 ApplyYourself does provide would be similar to the - the  
13 meaning of the claim term that I had in front of you, and  
14 took down?

15 MR. CARR: Objection, Your Honor. Irrelevant.  
16 Goes to doctrine of equivalents, hasn't been  
17 raised.

18 THE COURT: Overruled.

19 THE WITNESS: If in some sense there's some literal way  
20 in which this transformation could not be accomplished,  
21 through an XSL transform, you would get the same result.

22 BY MR. DAVIS:

23 Q: So are there any differences, then, in this modern  
24 world?

25 A: No, I think - you know, one could say - and perhaps  
26 this is what Dr. Menasce is saying. He's saying that,  
27 you know, literally, we only offer these exact formats.

28 Then I interpret your question as saying,

29 Dr. Shapiro, do you get the same result if you first  
30 write an XSL transform, and transform XML into a  
31 different format? Do you get equivalently the same thing  
32 as if ApplyYourself offers the literal format? Do you  
33 get the same result as if you apply this transformer that  
34 takes a short amount of time to write?

35 And I say, yes, it's the same thing.

36 In other words, if my grandfather offers the color paint  
37 in the window, is it equivalent if he offers it in the  
38 window or if he goes in the back room and takes ten

1 minutes and mixes up a new color? Is that equivalent, as  
2 far as the customer is concerned? In any event, the  
customer walks out of the store with the color the  
customer wants.

3 Same thing with the school. The school walks out with --  
4 as the claim construction says, the school gets -- can  
you put the claim construction up there again?

5 Vol. 6 Trial Trans. at pp. 165-66.

6 Defendant argues that this evidence is insufficient to  
7 establish doctrine of equivalents infringement under the standards  
8 required by the Federal Circuit, of either the mapping or the  
9 unlimited formatting functions. As to the mapping function,  
10 defendant notes that data mapping is a binary feature in that the  
11 product or process provided by defendant to the institutions either  
12 has the capability to perform data mapping or it does not.  
13 Accordingly, defendant argues, if the institution is required to  
14 perform "additional formatting or mapping" after receiving the data  
15 from defendant, there is no infringement, either literally or under  
16 the doctrine of equivalents.

17 As to the unlimited format function, defendant notes that as  
18 with mapping, the provision of unlimited formats is a binary  
19 feature. The product or process provided by defendant to its  
20 institutions either has the capability to provide unlimited formats  
21 or it does not. The evidence, according to defendant, shows that  
22 it does not.

23 Defendant argues that plaintiff's testimony on rebuttal  
24 provides no analysis for finding infringement under the doctrine of  
25 equivalents because it did not discuss the provision of the "same  
26 function, substantially the same way, producing substantially the  
27 same result." Defendant contends that plaintiff presented nothing  
28

1 more than "generalized testimony as to overall similarity" which is  
2 insufficient to establish infringement under the doctrine of  
3 equivalents.

4 Furthermore, defendant argues, Dr. Shapiro's testimony is of  
5 no consequence because there is no evidence that defendant uses an  
6 XSL converter for custom data formatting. For example, defendant  
7 cites to the i-Class manual which contains no references to XSL in  
8 the documentation for formatting, mapping, or exporting data. Exh.  
9 80. Defendant also maintains that similarly, there is no evidence  
10 that Flagship uses an XSL converter to transform XML data into  
11 other formats. Defendant contends that plaintiff's infringement  
12 theory "collapses" because it is based on an "imaginary product"  
13 that could use XSL to transform an XML file format to any other  
14 file format, but it is not based on defendant's actual product. As  
15 defendant argues, "[i]t is axiomatic that it is the accused device  
16 or process at issue that must perform the equivalent limitation to  
17 find infringement." Deft's Mem. at p. 27.

18 In response, plaintiff argues that there are four ways the  
19 jury could have concluded that the accused systems and methods were  
20 equivalent to the claimed systems and methods: 1) the provision  
21 of "customized reports" from defendant's Web Center; 2) the  
22 "customized integration solutions" in which plaintiff alleges that  
23 defendant provided data in any format necessary for export without  
24 the institution needing to re-key any of the data; 3) the provision  
25 of XML which plaintiff contends is a "universal format"; and 4) the  
26 ability of i-Class to provide different field formats, presentation  
27 formats, fixed width variations, and delimiter variations. These  
28 arguments are substantially the same as the ones raised in

1 opposition to the JMOL motion on literal infringement. I address  
2 them here in the context of the doctrine of equivalents  
3 infringement issues.

4 As to the first argument regarding customized reports from the  
5 Web Center, plaintiff contends the provision of such reports is at  
6 least equivalent to the required functionality of providing any  
7 file format specified by the institution so that the institution  
8 need do no mapping to assimilate the data in that file into its  
9 SIS. I disagree. There is no evidence that defendant's systems  
10 provide the customized reports in any file format other than the  
11 one offered in Flagship and the three offered as part of i-Class.  
12 The fact that the institution may be able to customize data into  
13 various reports does not mean that defendant's products either  
14 literally or equivalently perform the function of providing any  
15 file format specified by the institution with that data being  
16 seamlessly translated to the institution's SIS.

17 As to the second argument about customized integration  
18 solutions," while I find this a closer argument, I still reject it.  
19 As described above, the evidence showed that with the assistance of  
20 another program, AIM for Flagship, or some other custom translation  
21 software program for i-Class, the finite number of file formats  
22 provided by Flagship and i-Class can be used by the institution's  
23 SIS without any further manipulation of the data by the  
24 institution. This could suggest an equivalent function.

25 But, the flaw with plaintiff's position is that while  
26 defendant may offer the AIM program or be the distributor of the  
27 third party program for i-Class, those programs are not part of the  
28 accused devices. They are something external to the accused



1 devices. While those programs may be a means to provide an  
2 equivalent function, the means are not part of the accused device.  
3 Additionally, by residing with the institution rather than on  
4 defendant's server, there is still a burden on the institution and  
5 the "equivalent function," if there is one, is not performed in  
6 substantially the same way as that claimed in the patent.

7 Third, plaintiff argues that the ability of i-Class to provide  
8 data in an XML format is equivalent to the functionality required  
9 by the claims as construed. Plaintiff contends that XML is a kind  
10 of "universal file format" wherein the data is easily accessible  
11 and mapped to any system, and is easily used by any SIS. Plaintiff  
12 cites to the i-Class manual in support of this position. The  
13 manual states that

14 XML is the Extensible Markup Language. It allows a page  
15 to contain a definition and execution plan for the  
16 elements, as well as their content. It allows designers  
17 to create their own customized tags, enabling the  
18 definition, transmission, validation, and interpretation  
19 of data between applications and between organizations.

20 **XML:** An XML file looks just like an html page, except  
21 the tags are not <table><tr><td>. [I]nstead, they are  
22 element identifiers that tell a system what type of data  
23 is being passed (i.e., <first name>Chad</first name><last  
24 name>Massie</last name>). This way, databases and  
25 systems can share information easily because data type is  
26 identified in the data file.

27 Exh. 80 at p. 77.

28 Based on this, plaintiff contends that offering the XML file  
format is equivalent to literally offering all file formats or an  
unlimited number of file formats because "in this modern world," it  
is quickly and easily transformed into any other file format or  
used directly by any system.

I reject this argument. While defendant's i-Class manual

1 suggests that XML is a format that makes data more easily usable by  
2 other institutions, the manual does not support plaintiff's  
3 conclusion that XML, by itself, is a universal file format  
4 equivalent to providing all possible file formats with no  
5 additional mapping required by the institution. The i-Class manual  
6 does not provide substantial evidence that by offering an XML file  
7 format, defendant's accused products infringe the '042 patent under  
8 the doctrine of equivalents. Being "quickly and easily  
9 transformed" into other file formats is simply not equivalent to  
10 being provided in any file format.

11 Plaintiff's fourth argument is that because i-Class can  
12 provide a myriad of field formats, presentation formats, etc., it  
13 is equivalent to the required function of the claims as construed.  
14 I disagree. The claims, as construed, require an unlimited number  
15 of file formats, not other types of formats as discussed earlier.

16 Finally, as to claim 38, defendant argues that its systems do  
17 not provide unlimited customization of application forms and that  
18 plaintiff failed to present any evidence that defendant's products  
19 performed an equivalent custom forms function. Even if I agree  
20 with plaintiff that defendant is precluded from challenging the  
21 "front-end" customized application form function at this point, I  
22 conclude that the function of providing unlimited formats, which is  
23 an element of claim 38 as well as claims 1, 16, and 32, controls  
24 the decision on claim 38. Substantial evidence does not support a  
25 verdict of infringement of claim 38 based on the doctrine of  
26 equivalents.

27 Because substantial evidence does not support a verdict of  
28 infringement of the '042 patent under the doctrine of equivalents,

1 I grant defendant's JMOL motion directed to the non-infringement of  
2 the '042 patent.

3 II. Alternative Motion for New Trial

4 Even though I grant defendant's JMOL motion, I am required to  
5 address defendant's alternative new trial motion. Fed. R. Civ. P.  
6 50(c); Freund v. Nycomed Amersham, 347 F.3d 752, 764 (9th Cir.  
7 2003) (noting that "Rule 50(c) of the Federal Rules of Civil  
8 Procedure requires a district court granting a judgment as a matter  
9 of law also to rule on whether to grant a new trial in the event  
10 the judgment as a matter of law is reversed on appeal.").

11 For the reasons discussed above in connection with the JMOL  
12 motion, I conclude that alternatively, the verdict should be set  
13 aside and a new trial awarded on the issue of infringement of the  
14 '042 patent because the verdict is against the clear weight of the  
15 evidence and the jury reached a seriously erroneous result.  
16 Assessing the evidence presented at trial, I conclude that the  
17 clear weight of the evidence establishes that neither Flagship, nor  
18 i-Class infringed the formatting and mapping functions of claims 1,  
19 16, and 32, or the formatting function of claim 38. I grant  
20 defendant's alternative motion for new trial.

21 III. Motion to Continue Stay

22 Defendant moves to continue the stay of execution of the  
23 judgment and the injunctive relief until resolution of the eight  
24 pending motions set for oral argument on December 19, 2003.  
25 Defendant relies on evidence and arguments presented to the Court  
26 with its original motion to stay the judgment and the injunctive  
27 relief pending resolution of the instant JMOL motion on non-  
28 infringement of the '042 patent.

1 As I noted in granting that original motion, the evidence  
2 showed that if a stay were not granted, defendant would likely be  
3 put out of business by having to pay the \$1,226,000 money judgment  
4 while litigation continues and by having to stop servicing its  
5 current institution clients under contract. All of the evidence  
6 presented in support of that motion addressed the effect on  
7 defendant of a \$1.2 million verdict and the injunctive relief  
8 related to the '042 patent.

9 However, by virtue of granting this JMOL motion as to the  
10 infringement of the '042 patent, defendant's monetary liability is  
11 reduced to \$181,000, excluding any pre- or post-judgment interest  
12 or enhancement under 35 U.S.C. § 284. Additionally, with no  
13 infringement of the '042 patent and defendant's voluntary cessation  
14 of infringement of the '278 patent nearly one year ago, the impact  
15 of any continuing injunctive relief related to the '278 patent on  
16 defendant appears to be minimal.

17 Accordingly, I grant the current motion to extend the stay of  
18 execution of the judgment and the injunctive relief in part and as  
19 follows: the stay is extended until December 19, 2003, when  
20 defendant shall appear in person at the previously scheduled oral  
21 argument on the other motions, to show cause why the stay should  
22 not be lifted in light of the significantly smaller judgment  
23 remaining against defendant. Defendant is ordered to file a  
24 written submission on this issue no later than Monday, December 15,  
25 2003. Plaintiff may file a written response no later than  
26 Wednesday, December 17, 2003.

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28 / / /

CONCLUSION

Defendant's motion for JMOL as to the non-infringement of the '042 patent, and defendant's alternative motion for new trial (#348) is granted. Defendant's motion to continue the stay of execution (#410) is granted in part as outlined above.

IT IS SO ORDERED.

Dated this 9th day of December, 2003

/s/ Dennis James Hubel  
Dennis James Hubel  
United States Magistrate Judge